Team Member's Name: Brandt

School: Mount Vernon Middle School, Mount Vernon, IA

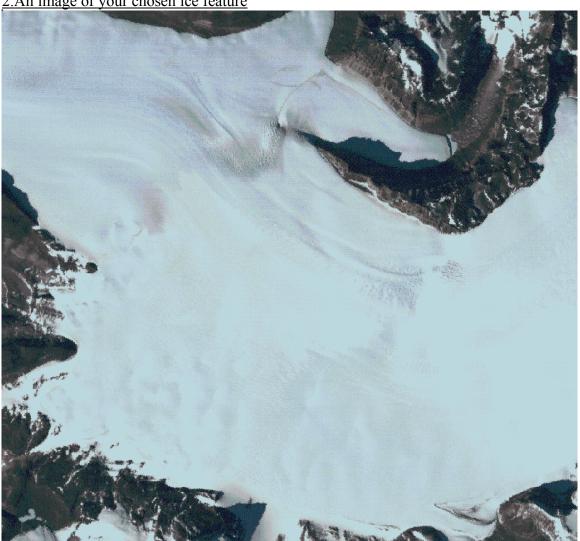
Teacher: Mrs. Scearce

Proposal:

1.The name and/or description of your chosen ice feature

Unnamed feature close to Cavendish Ice falls, Turnabout Glacier, and Round Mountain.

2.An image of your chosen ice feature



I'm most interested in the swirls coming from the top left to the mid right and bumps at the bottom left.

3.The location of your selected feature in terms of its longitude and latitude as well as the region of Antarctica in which it exists. (Teams are encouraged to include a map of Antarctica with a mark pinpointing the location of their selected feature).



It is at X:43911.38 Y:-1267427.68

4.A paragraph explaining why your chosen ice feature is scientifically interesting.

It is a large open land of ice that has swirls and bumps in the ice that leads into a large basin. It is unnamed which I found surprising because it is so close to named places. I also think this looks more interesting than the named places.

5.A paragraph hypothesizing what geologic processes you think are occurring to create this ice feature.

The Cavendish Icefalls and the rivers around it tend to flow and make swirls with the flowing water. Also the ice going around the Cavendish Rocks makes swirls around itself and other streams and/or rivers.

6.A paragraph asserting why you and your team should be funded to further investigate this area of Antarctica. (In other words, what are the potential benefits of exploring this feature?)

We should be funded to drill ice cores into the ice to find any evidence of volcanic activity or life in the snow or ice such as microbes or some types of bacteria, and figure out what kind of ice feature it is, such as rumples, frozen lakes or glaciers.